

100

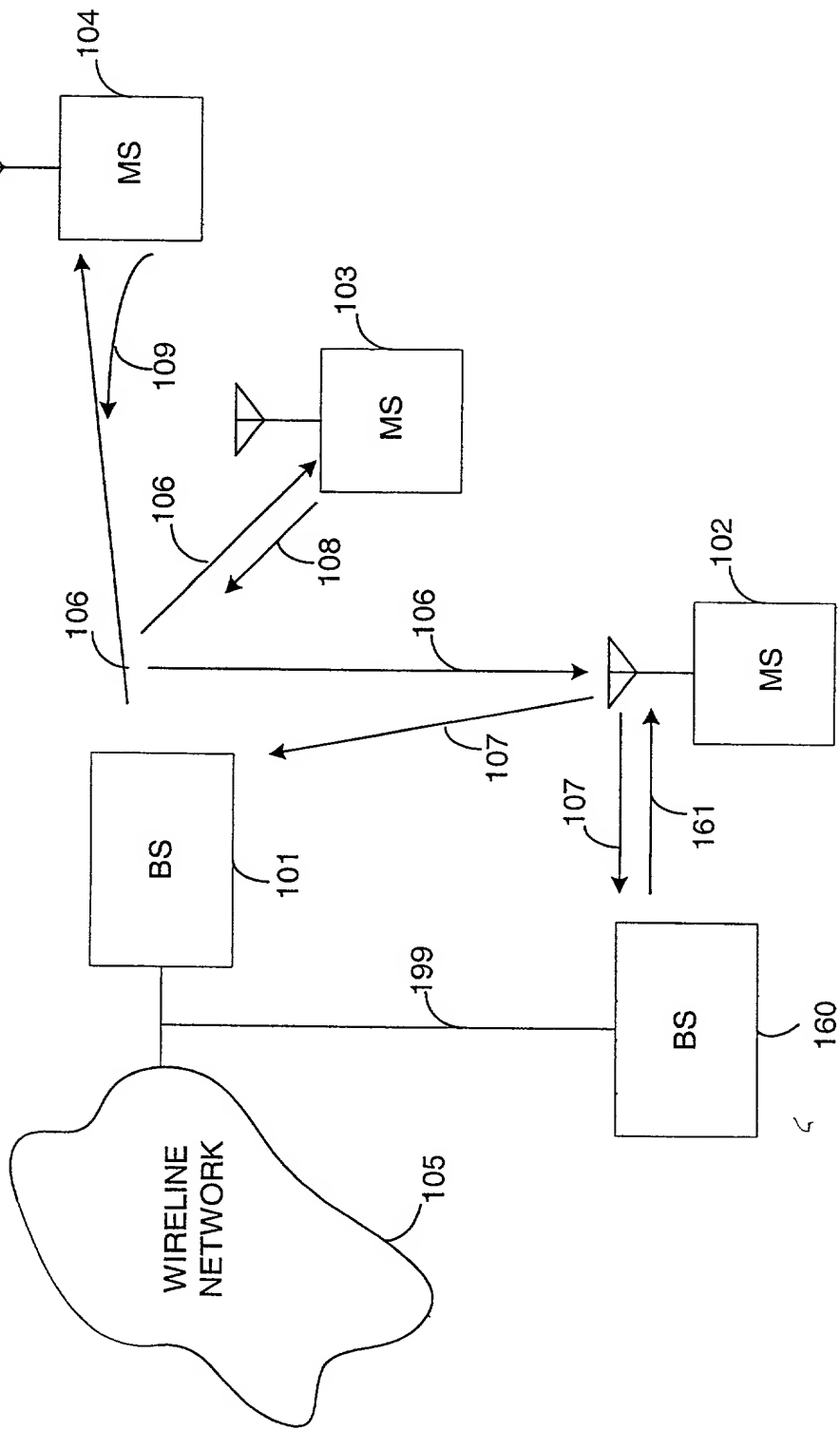


FIG. 1

+

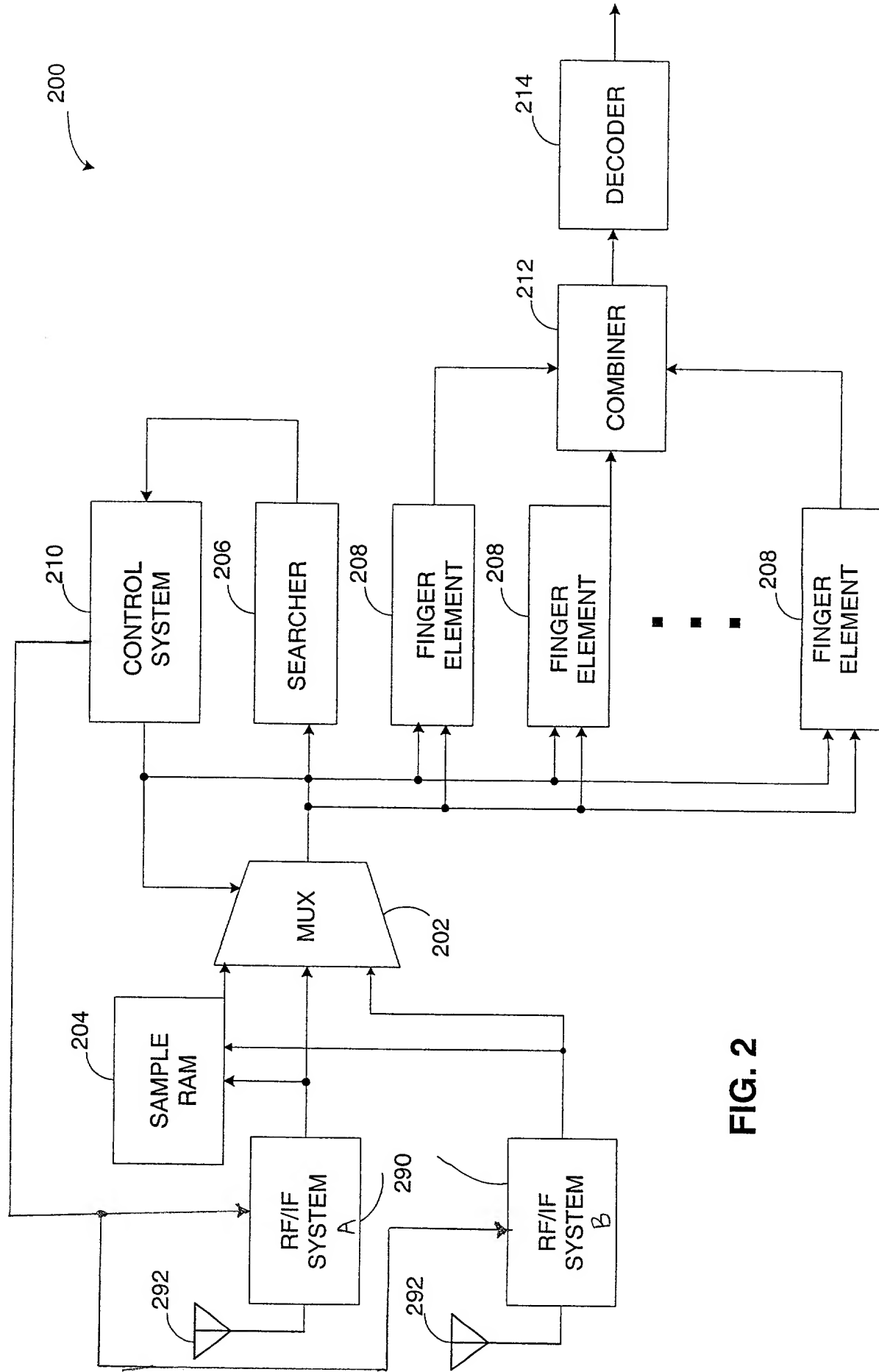


FIG. 2

+

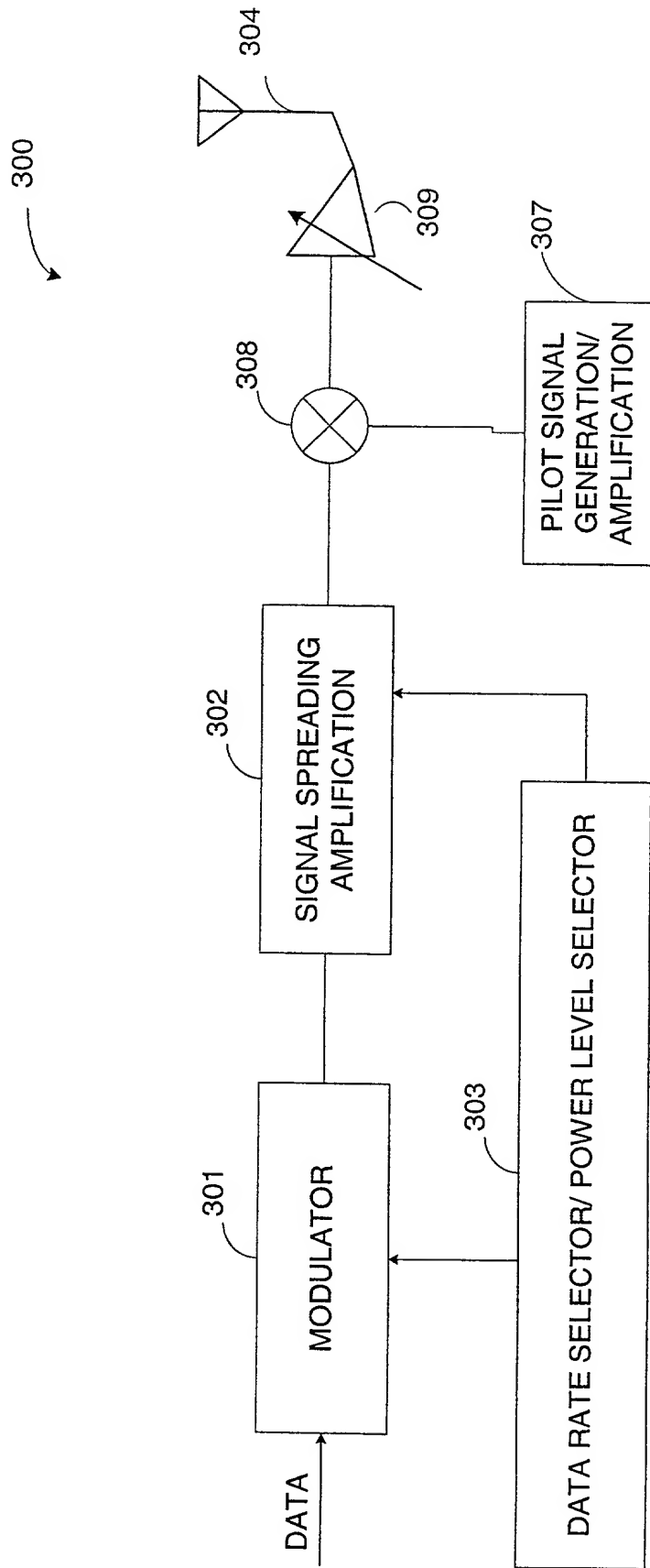


FIG. 3

+

~400-

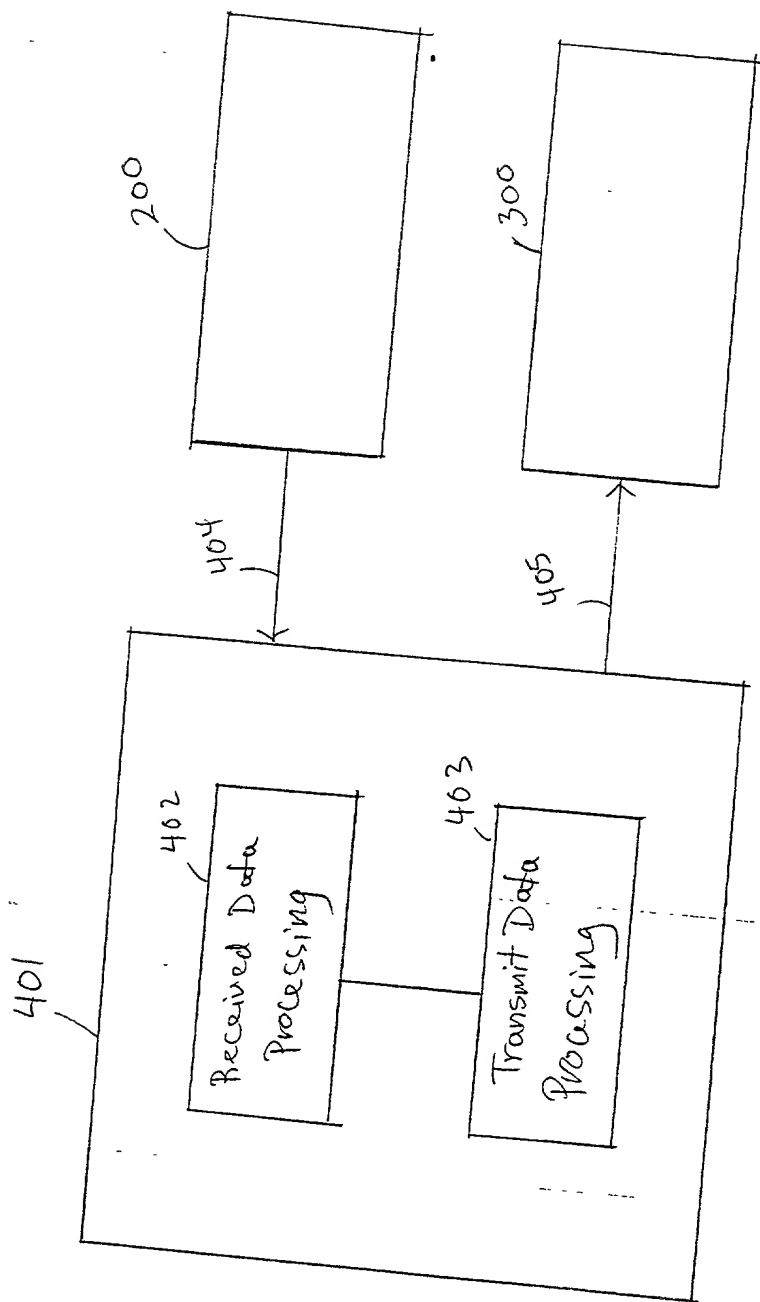


Fig. 4

501 - determining E_c/I_0 of a pilot channel



502 - determining whether the E_c/I_0 meets

yes ↙ a receive diversity threshold ↘ No

switching off the
receive diversity or

503 - scaling back the
number of receiver
chains used in the
receive diversity process

switching on the
receive diversity or

504 - increasing the number
of the receiver chains
used in the receive
diversity process

- 500 -

Fig. 5

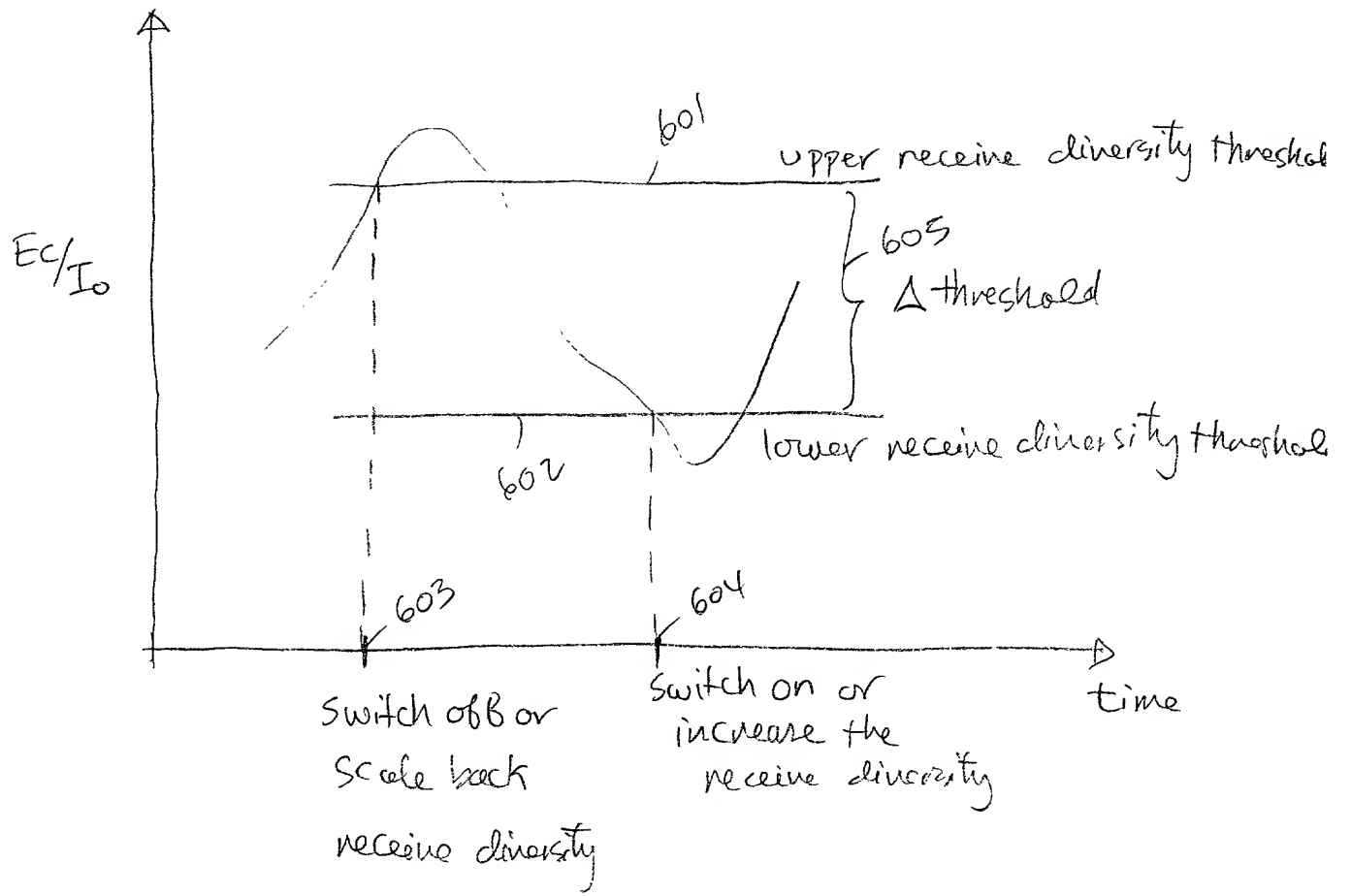


Fig. 6

-700-

701 - determine E_{eff} of a pilot channel received at a mobile station

↓
determine at least one of:

- no receive diversity

702 - multiple receive channels
receive diversity

based on the determined E_{eff}



703 - determine the first bit of QPCH

"0"

1 or Erasure

704

switching the mobile station to sleep mode

"0"

705
determine the second bit of QPCH

1 or Erasure

direct the mobile station resources to receive a paging channel

706

Fig. 7

801 - determine the first bit of QPCH
received at a mobile station

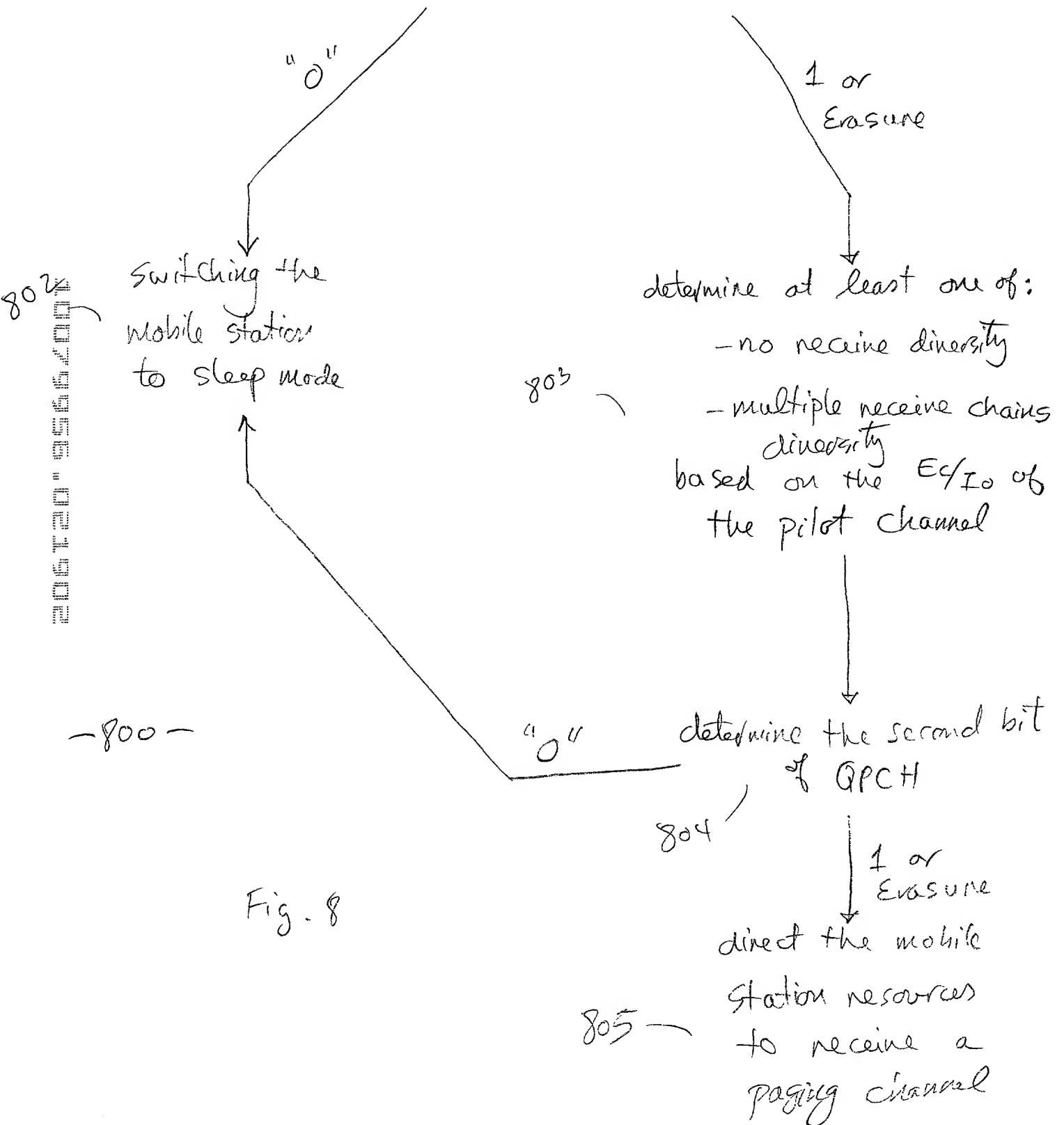
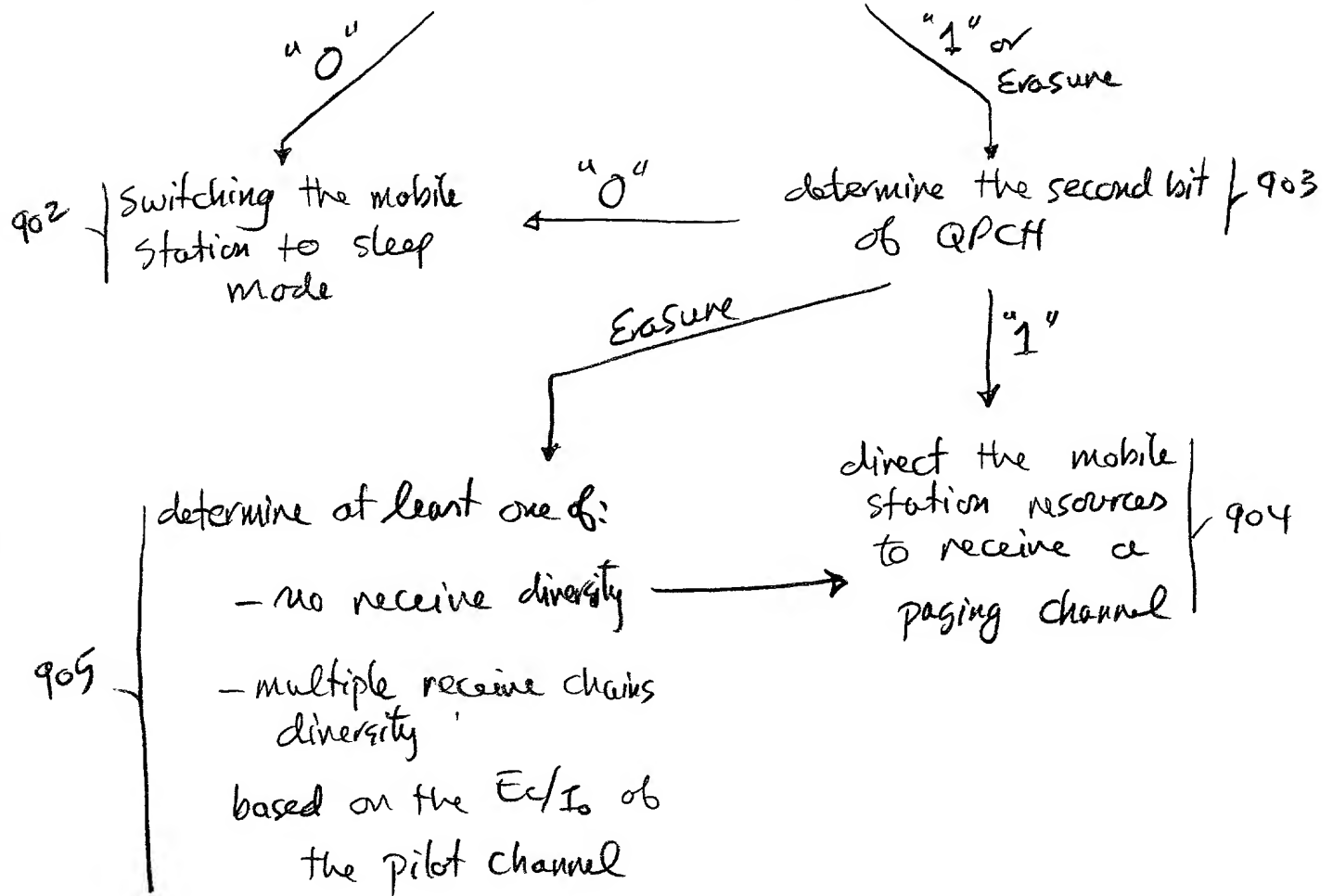


Fig. 8

determine the first bit of QPCH received at a mobile station | 901



-900-

Fig. 9

1001 — determine the first bit of QPCH received at a mobile station

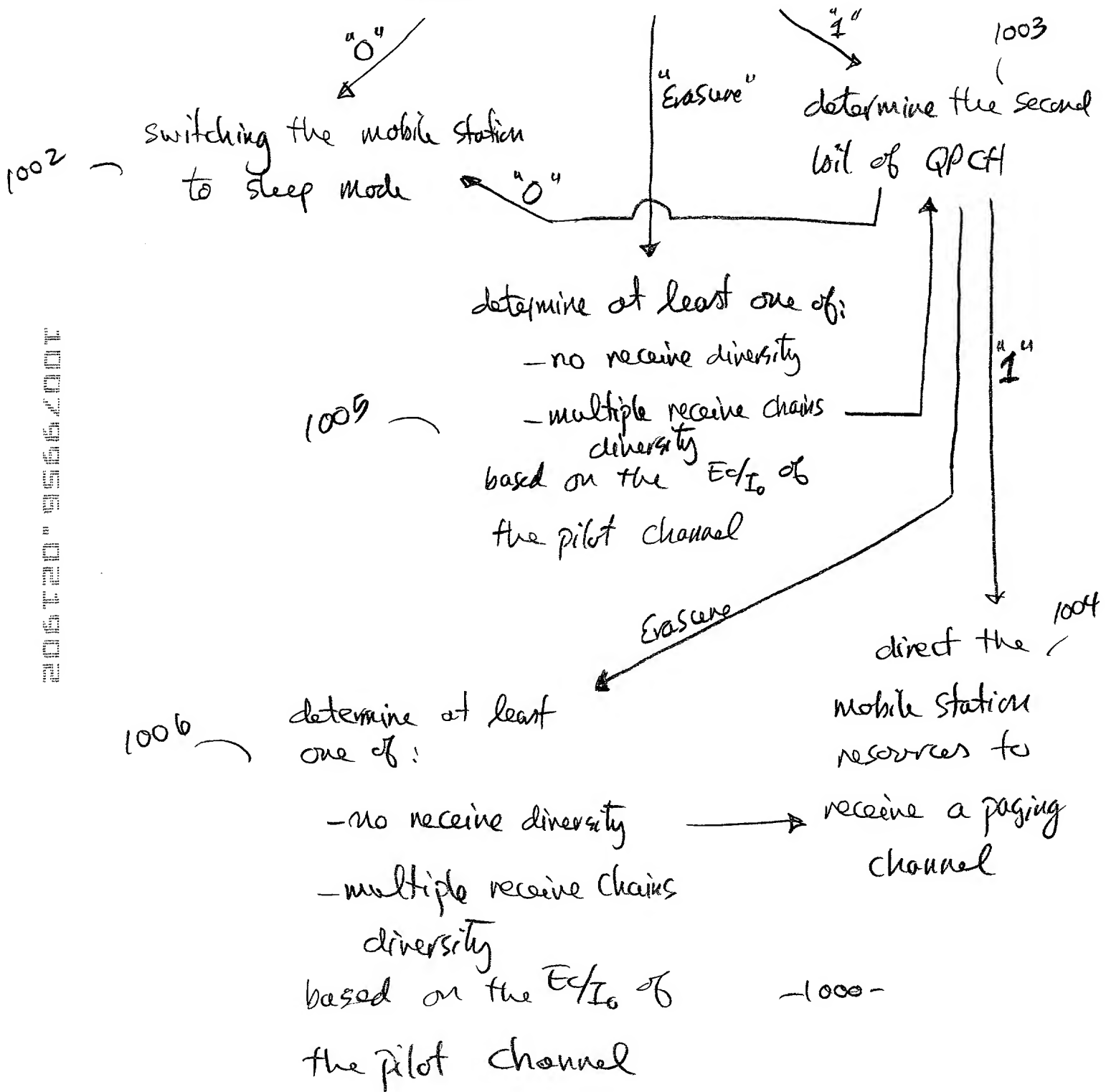


Fig 10